

Amendment to the Claims

The following list of claims replaces all prior listings and versions of claims in this application:

1-17. (Canceled)

18. (Currently amended) The ~~filling assembly~~ injection device of claim 24, wherein the filling assembly further comprising comprises the cartridge.

19. (Currently amended) The ~~filling assembly~~ injection device of claim 18, wherein the medicament chamber comprises a first chamber containing a lyophilized medicament, a second chamber containing a reconstituting fluid, a dividing member separating the first and second chambers, and a bypass channel for providing fluid communication between the first and second chambers upon movement of the dividing member, wherein fluid pressure generated by movement of the stopper causes movement of the dividing member.

20. (Cancelled)

21. (Currently amended) The injection device of claim ~~[[20]]~~ 24, wherein the injector and filling assembly comprise threaded portions configured for connecting to each other.

22. (Currently amended) A method of filling ~~[[an]]~~ the injection device of claim 24, comprising:

associating ~~[[an]]~~ the adapter with ~~[[a]]~~ the cartridge ~~that has a chamber containing a medicament and sealed by a sealing member~~ to associate the chamber with the injector;

associating ~~[[an]]~~ the adapter with ~~[[an]]~~ the injector ~~that is configured to inject the medicament into a patient;~~

displacing the ~~sealing member~~ stopper within the chamber with a ~~displacement member that is associated with the adapter~~ the post; and

transferring the medicament to the injector from the chamber ~~with the displaced sealing member~~ by providing aspiration from the injector.

23. (Cancelled)

24. (Currently amended) An injection device, comprising:

[[An]] an injector filling assembly, comprising:

a cartridge housing configured for receiving a cartridge that has a chamber containing a medicament and first and second ends, the first end including a seal for sealing the medicament in the chamber, and the second end including a stopper sealingly disposed in the chamber;

an adapter associated with the cartridge housing and configured for coupling the chamber to an injector for transferring the medicament to the injector for loading the injector; and

a post associated with the cartridge housing such that the post is too short to load the injector by biasing the stopper with the post, but is sufficiently long to displace the stopper towards the seal by an amount sufficient to overcome any adhesion between the chamber and the stopper for permitting filling of the injector by drawing the medicament from the chamber by vacuum; and

a needle free injector comprising:

a needle free syringe assembly comprising: a nozzle member defining a fluid chamber and having a proximal end configured and dimensioned for mating with the second side of the adapter and a distal end, and a plunger movable in the fluid chamber; and

a power pack assembly comprising:

a housing having a proximal end connectable with the distal end of the nozzle member and a distal end;

a trigger assembly; and

an energy source operatively associated with the trigger assembly so that movement of the trigger assembly activates the energy source to move the plunger in a first direction to expel medicament from the fluid chamber when the adapter is not connected to the needle free syringe assembly and movement of the plunger in a second direction draws

medicament out of the cartridge chamber and into the fluid chamber when the adapter is connected to the needle free syringe assembly.

25. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the post is associated with the cartridge housing such that movement of the post towards the first end is limited to limit the displacement of the stopper by the post for permitting the majority of the medicament to be drawn out of the chamber by vacuum.

26. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the post is associated with the cartridge housing such that the post is prevented from moving past a post position to prevent the post from further displacing the stopper towards the seal to require loading the injector by drawing the medicament from the chamber by vacuum.

27. (Currently amended) The ~~filling-assembly~~ injection device of claim 26, wherein the post in the post position is prevented from further displacing the stopper towards the seal so that the majority of the medicament must be drawn out of the chamber by vacuum.

28. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the post is associated with the housing such that the post is prevented from displacing the stopper towards the seal by distance sufficient to expel a substantial amount of the medicament from the chamber when the seal is open.

29. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the assembly further comprises a cap to which the post is mounted, the cap being engageable with the cartridge housing on a side of the housing opposite from the adapter to limit displacement of the stopper towards by the post.

30. (Currently amended) The ~~filling-assembly~~ injection device of claim 29, wherein the cap is engageable with the housing such that upon said engagement the post is moved against the stopper to displace the stopper sufficiently to overcome the adhesion.

31. (Currently amended) The ~~filling-assembly~~ injection device of claims 30, wherein the cap and housing comprise threads that are engageable by rotating the cap to limit the displacement of the stopper towards the seal by the post.

32. (Currently amended) The ~~filling-assembly~~ injection device of claim 31, wherein the threads are associated to move the post to displace the stopper upon the rotation of the cap to overcome the adhesion.

33. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the post is sufficiently short so that the displacement of the stopper is only sufficiently long to substantially purge the air contained in the medicament cartridge prior to the attachment to the injector.

34. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the housing and post are associated to limit movement of the post into the cartridge to require the medicament in the chamber of the medicament cartridge to be drawn out of the chamber into the injector by vacuum.

35. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein post has an association fixed with the housing to require the medicament in the chamber of the medicament cartridge to be drawn out of the chamber into the injector by vacuum.

36. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the post is associated with the housing to abut the stopper for causing the displacement thereof.

37. (Cancelled)

38. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the adapter is configured for opening the seal to permit extraction of the medicament therefrom.

39. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the adapter comprises at least one resilient retaining member configured for locking the medicament cartridge to adapter and configured for breaking upon removal of the medicament cartridge from the adapter for inhibiting repeat uses with multiple medicament cartridges.

40. (Currently amended) The ~~filling-assembly~~ injection device of claim 24, wherein the adapter is of separate construction from the housing.